

IN THE SPECIFICATION

Please amend the specification as follows:

Please amend the first paragraph on page 1 after the title:

CROSS REFERENCE TO RELATED APPLICATIONS

This patent application is related to U.S. Patent Application Serial Number 10/789,895 entitled METHOD AND SYSTEM FOR AGGREGATING AND COMBINING MANUFACTURING DATA FOR ANALYSIS, to Naoki Toyoshima and Yuko Maeda, assigned to Micron Technology, Inc., ~~and incorporated herein by reference.~~

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 10/786,678

Filing Date: February 25, 2004

Title: METHOD AND SYSTEM FOR CORRELATING AND COMBINING PRODUCTION AND NON-PRODUCTION DATA FOR ANALYSIS

Page 3
Dkt: 303.884US1**Please amend Table A on page 12, as follows:**

Process	Time of Event	Sampled Value	Calculated Sampled Value assigned to Production Lot
Sample 1	tS ₁	S ₁	
Lot 1	tL ₁		$L_1 = 1/(tS_2 - tS_1) \{ S_1(tS_2 - tL_1) + S_2(tL_1 - tS_1) \}$
Lot 2	tL ₂		
Lot _{-i}	tL _i		$\bar{L}_i = 1/(tS_3 - tS_2) \{ S_2(tS_3 - tL_i) + S_3(tL_i - tS_2) \}$
Lot _{-i+1}	tL _{i+1}		
Lot _{-i+2}	tL _{i+2}		
Sample 2	tS ₂	S ₂	
Lot _{-j}	tL _j	L _j	$L_j = 1/(tS_3 - tS_2) \{ S_2(tS_3 - tL_j) + S_3(tL_j - tS_2) \}$
Lot _{-j+1}			
Lot _{-j+2}			
Lot _{-j+3}			
Lot _{-j+4}			
Lot _{-j+5}			
Lot _{-j+6}			
Sample 3	tS ₃	S ₃	
Lot _{-k}	tL _k	L _k	$L_k = 1/(tS_4 - tS_3) \{ S_3(tS_4 - tL_k) + S_4(tL_k - tS_3) \}$
Lot _{-k+1}			
Lot _{-k+2}			
Lot _{-k+3}			
Lot _{-k+4}			
Lot _{-k+5}			
Sample 4	tS ₄	S ₄	
:	:	:	: